**CURRICULUM VIATE**

**Name : Dr. E. RAMJEE**

**Date of Birth : 10/06/1970**

**Designation : Professor in Mechanical Engineering**

**Official Address :** **JNTUH College of Engineering,**

**Kukatpally, Hyderabad-500 085.**

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 **Chandanagar,Hyderabad, RR Dist.-500050.**

**Educational Qualifications:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| University | Degree | Class | Year of Completion | Field of Specialization |
| JNTUniversity,Anantapur-515002,A P, INDIA | Ph.D | -- | February 2011 | Experimental Investigation on IC Engines using CNG With Varied Engine Parameters |
| JNTUniversity,Hyderabad-500085,A P, INDIA | M. Tech | First class with Distinction | December2003 | Heat powerRefrigeration & Air- Conditioning |
| JNTUniversity,Hyderabad-500085,A P, INDIA | B. Tech | First class | August1998 | Mechanical Engineering |
| Diploma in Mechanical Engineering | D.M.E | First class | July1993 | Mechanical Engineering |

Experience:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Designation | Institute | w. e. from | To |
| 1 | Assistant Professor(Mechanical Engineering) | JNTU College of Engineering,Anantapur | 05-11-1999 | 06-11-2006 |
| 2 | Associate Professor(Mechanical Engineering) | JNTU College of Engineering,Anantapur | 07-11-2006 | 09-06-2007 |
| 3 | Associate Professor(Mechanical Engineering) | JNTU College of Engineering,Hyderabad | 10-06-2007 | 31-12-2013 |
| 4 | Professor(Mechanical Engineering) | JNTU College of Engineering,Hyderabad | 1-1-2013 | Till date |

**MEMBERSHIP OF REPUTED PROFESSIONAL BODIES**

* Member of Governing Body, Jyothismati College of Engineering, Karimnagar.

**DEPUTY WARDEN:**

Arranged maximum number of Hostel meetings in order to discuss various issues pertaining to hostel and co-curricular. Arranged number of seminars among the students hostel-wise inmates of hostel to improve their communication skills.

OFFICER IN CHARGE OF HOSTELS:

Looking after overall administration, Organization and maintenance of 3 boys hostels and 2 Girls hostels including messes. Special were put to achieve minimum monthly bills and hygienic food. Special emphasis had been given to improve the facilities in the hostels, assist the Principal in general administration to monitor the activities of academic examinations section which are, always, responsible for administration and discipline. Various facilities in all the hostels were improved; renovation works were taken up during my period. The overall discipline among the inmates was maintained.

**OFFICER IN CHARGE OF ACADEMIC SECTION:**

* Supervising, planning and organizing all the works related to examination at JNTU college of engineering, Anantapur.
* Conducting internal and university examinations for B. Tech, M. Tech, M.C.A., M.Sc (Technical) courses. Finalization of academic calendar, Time Tables, Allotment of Class rooms, in addition to administrations and result processing work pertaining to Autonomous college.
* A new and efficient method of recording of attendance, marks, results of individual students (which helps easy verification and access) is designed and introduced.
* To monitor and conduct University examinations for the affiliated colleges (55 colleges). To arrange spot valuation at different centers and arrange for the final award lists so as to announce the results by the university. Completed the spot valuation in record time, compared to the o0ther nodal centers. A nodal system for issuing the certificates to students to introduced in order to facilitate the students, to obtain different certificates from colleges comfortable and quickly.
* **Additional controller of Examinations effectively organized in JNTUH- Hyderabad., during period of 03-09-2013 to 16-11-16.**

SUMMER/ WINTER SCHOOLS/REFRESHER COURSES ATTENDED:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Name of the course | Duration | Dates | Places |
| 1 | Orientation course | 4 Weeks | 02/09/2004To29/09/2004 | UGC-Academic Staff College, JNTU Hyderabad. |
| 2 | Engineering applications of Finite Elements Analysis using ANSYS(EAFEA-2006) (Under TEQIP) | 2 Weeks (STTP) | 27/02/2006 To 11/03/2006 | JNTUCEAnantapur |
| 3 | I S T E Chapter on Internet and Java | 4 Weeks(STTP)  | 09/08/2000To08/09/2000 | JNTUCEAnantapur |

 **(A) Workshops (Attended/ Participated/Organized):**

1. OrganizedOne Day workshop on new concepts in Energy Utilization-2003 at JNTU College of Engineering Anantapur, on 30th September, 2003.

2. Attended Workshop on Effective Governance through Institutional Leadership conducted by JNTU College of Engineering Anantapur, during 28th to 29th April, 2006.

 3. Participated in the National Workshop on Recent advances in internal combustion Engines(RAICE-2008) conducted by National Institute of Technology, Warangal, during 28 to 30th March-2008.

4. Participated in One-Week Community Program on Automobile Technology (Repair and Maintenance) Sponsored by TEQIP conducted by JNTUH College of Engineering Hyderabad, during 23rd to 28th March, 2009.

5. Attended in a Two-Week ISTE Workshop on Heat Transfer conducted by IIT Bombay from 29th November to 10th December, 2011.

6. Participated in the three day Workshop on CFD, jointly organized by Centre of Excellence in CADE, JNTUH College of Engineering Hyderabad and CD-adapco India Private limited, Bangalore from 29th to 31st March, 2012.

7. Participated one week Workshop on ‘solid works software’, conducted by JNTUH College of Engineering Hyderabad, during 28th January to 2nd Febraury 2013.

8. Organized one day national Workshop on ‘Advanced Trends in IC engines and combustion’, conducted by JNTUH College of Engineering Hyderabad, on 28th January 2013.

9. Attended two days Workshop on ‘Know Your Student’, conducted by JNTUH College of Engineering Hyderabad, during 30- 31st October 2013 under TEQIP-II.

10. Attended two days national level Workshop on ‘Modern Trends in IC Engines’, conducted by CMR Institute of Technology, Hyderabad, during 21- 22 February 2014.

11. Attended three days TEQIP-III Sponsored Workshop on NBA Accreditation (SAR Filling and Preparedness for Assessment) at UGC HRD Auditorium, JNTUH, kukatpally, Hyderabad, conducted from 14-16 December 2017.

12. Attended two day national Workshop on “Preparing for NBA Accreditation & SAR Filling” (Under TEQIP-III Twinning Programme) in Mechanical Engineering Department, JNTUH College of Engineering , kukatpally, Hyderabad, During 18th and 19th , February 2019.

**(B) Conferences Conducted/Organized/Participated**

1. Advanced Trends in Mechanical Engineering Research and Development MINAC-2001 at JNTU College of Engineering Anantapur, on 18th October, 2001.
2. Advanced Trends in Mechanical Engineering Research and Development MINAC-2002 at JNTU College of Engineering Anantapur, on 21st December, 2002.
3. National Level Symposium, DYNAMECHS-2001 at JNTU College of Engineering Anantapur, on 19th October, 2001.
4. National Level Symposium, DYNAMECHS-2002 at JNTU College of Engineering Anantapur, on 22nd December, 2002.

**LIST OF RESEARCH PUBLICATIONS**

**INTERNATIONAL JOURNALS:**

1.sudeer b.p.k, murthy v.s.s ramjee. E et al” performance evalution of a low heat rejection CI engine using vegetable oils”IJMRAE,Vol.1,No.1,November 2009,pp53-70.

2. **Tadamalle,A.P.,Reddy Y.P., Ramjee,E,Reddy VK (2018)**.”Characterization of Fully and Partially Penetrated Nd:YAG Laser Weld Dissimilar metal Joints“,**International Journal of Advanced Manufacturing Technology, Springer**,

**3.Tadamalle,A.P.,Reddy Y.P., Ramjee,E,Reddy VK (2018)**.”Characterization of Fully and Partially Penetrated Nd:YAG Laser Weld Dissimilar metal Joints“, **Journal of Mechanical Science and Technology, Springer**, Vol.32(2), Will be published in Feb. 2018 Issue, impact Factor 1.182, ISSN 1738-494X(print) ISSN:1976-3824(electronic),, Indexed by Scopus and Web of Science

**4.Tadamalle,A.P.,Reddy Y.P., Ramjee,E,Reddy V.K, (2016)** Characterization of stainless steel and galvanized iron 0.5mm thick laser weld joints”, **International Journal of Advanced Manufacturing Technology, Springer**,Vol. 90,pp 383-395, ISSN 0268-3768, Impact factor:2.209, Indexed by Scopus and Web of Science, Issue 1-4

1. **Tadamalle,A.P.,Reddy Y.P., Ramjee,E and Reddy** K.V.K.(2014), “ Influence of Welding Speed on Melting Efficiency of Nd:YAG Laser Welding”, **International Journal of Advanced in Production Engineering and Management**, Vol.9,No.3,pp128-138. (ISSN 1854-6250), Impactfactor:1.424, Citations: 3, Indexed by Scopus and Web of Science
2. **Tadamalle, A.P., Reddy, Y.P., Ramjee, E.(2013),**“Influence of laser welding process parameters on weld pool geometry and duty cycle”, **International Journal of Advances in Production Engineering and Management**. Vol. 8, No.1,pp 52-60. (ISSN 1854-6250) Impact factor: 1.424, Citations: 24, Indexed by Scopus and Web of Science.
3. **Tadamalle,A.P.,Reddy Y.P., Ramjee,E,Reddy V.K, (2017)” Fuzzy genetic optimization of dissimilar metal weld joints”, ELK Asia Pacific Journals-978-93-85537-06-6, Vol.1, Special issue, pp 1-6.**
4. **Tadamalle,A.P.,Reddy Y.P., Ramjee,E,Reddy V.K, (2014) Evaluation of Nd:YAG laser welding efficiencies for 304L stainless steel”, Procedia Materials Sciencce, Vol.6,pp1731-1739,Citations:3**
5. **B.Subba Rao, Dr Devaiah Malkapuram and Dr E.Ramjee, “Force and Deformation Analysis for determination of optimum fixture configuration” International Journal of Applied Engineering Research ISSN 0973-4562, Volume 13, Number 7(2018), pp 4675-4681.**
6. **B.Subba Rao, E.Ramjee , PVK murthy et al” Potential of a high grade low heat rejection diedel engine with crude Tobacco seed oil”, International Journal of Mechanical and Production Engineering Research and Development ISSN 2249-4890, Volume 03,Issue 1 (March 2013), pp 61-78.**
7. E Ramjee, Dr k vijaya kumar reddy and J.Suresh kumar” Performance and Emission charecreristics of compression ignition(CI) engine with dual fuel operatrion( diesel + compressed natural gas(CNG)), **”, Journal of petroleum technology and alternative fuels,Volume 4(2), pp 24-29, February 2013**
8. E.Ramjee,”Experimental Investigation on Effect of Injection Timing on Performance, combustion and Emission charecteristics Compression Ignition Engine fuelled with vegetable oli-Ethanol Blend”(IJERT), Vol.1, Issue 10(December-2012)ISSN:2278-0181.
9. B.Venkateswar Rao, E.Ramjee, V.Venkateswara Reddy,”Spatial and Temporal determination of the air quality at major transportation Regions of the Hyderabad Metropolitan City, India” **International Journal of Engineering Research and Applications, ISSN 2248-9622, pp 09-14, Issue 1, January 2014.**
10. 1. E.Ramjee, K.V.K. Reddy, B.S.P. Kumar, M.S.Basha,”Analysis of Emission charecteristics on Compression Ignition Engine using Dual Fuel mode for variable speed”, International Journal of Engineering Research and development,e-ISSN:2278-067X, p-ISSN: 2278-800X, Volume 4,Issue 3(October-2012), PP 23-27.
11. 2. E.Ramjee, K.Vijaya Kumar Reddy, J.Suresh Kumar, ”Performance Analysis of CI Engine with Dual Fuel mode for different speeds”, IOSR Journal of Engineering(IOSRJEN),ISSN:2250-3021,Volume 2,Issue 8(August-2012), PP 09-12.
12. 3.Subbarao.B, Dr.E.Ramjee,” Performance and combustion charecteristics of 4-stroke diesel engine using Rice Bran Methyl Esters with varied piston configurations” International Journal of Scientific Research and Reviews(IJSRR 2018),Volume 7(3),PP 408-416.ISSN:2279-0543.
13. **B.Subbarao, Dr. E.Ramjee, Dr. K. Vijaya Kumar Reddy, “Cashew Nutshell Liquid (CNSL) and** **Rice bran oil (RBO) as Alternative to Petrochemical Resources”**

 18. **B.Subbarao, Dr. E.Ramjee, Dr. T. Siva Prasad,”Tire Multi Axial Nut Setter” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 07 | July -2017 www.irjet.net p-ISSN: 2395-0072**

**19. Narender.G, Ramjee.E, Eswara Prasad.N,” Yield Locus of solution treated and Aged Aluminium Alloy AA2014 Forge plate” International Journal of Engineering Research and Technology (IJERT) ISSN: 2278 -0181(2018)**

**National Journals:**

1. E Ramjee, Dr k vijaya kumar reddy” performance analysis of a 4-stroke SI engine using CNG as an alternative fuel “IJST ISSN:0974-6846. Vol.4, No.7(July 2011).
2. Ch.S.Naga Prasad,K.Vijaya kumar Reddy, B.S.P.Kumar, E.Ramkee,”performance and emission charecteristics of a diesel engine with castor oil:Indian journal of science and technology,Vol.2,No.9,(Sep 2009),ISSN 0974-6846
3. B.Venkateswar Rao, E.Ramjee, V.Venkateswara Reddy,”Analysis of increase in vehicle population and its effect on air pollution in Hyderabad, India” Vol.6,Issue 05, May 2016, ISSN 2249555X, Impact Factor:3.919, pp:44-48.

**International Conference:**

1. Experimental study of emission Characteristics of a palm oil fuelled 5HP kirloskar diesel engine ,ICONICE, December-2007 at JNT University , Hyderabad

2. Study of Performance & Emission Characteristics of a virgin oil in a semi-adiabatic engine, ICONIC,December-2007 at JNT University , Hyderabad

1. Ch. S. Naga Prasad, E.Ramjee Et Al “ Performance and Emission Characteristics Of A Diesel Engine With Castor Oil”ijst, Vol.2,No.2.

International conferences

1. Participated in the 8th Asia Pacific conference on Combustion (ASPACC-2010) at Taramati Baradari Cultural Complex, Hyderabad(India) during December 10-13, 2010.
2. Effect of variation of compression ratio on performance, combustion and Emission characteristics of compression ignition engine fuelled with vegetable oil-ethanol blend in International Conference on Advancements in Engineering and Management(ICAEM-2013) held on 27 & 28 February 2013 at RITS.
3. Participated in the International conference on Advanced Materials and Manufacturing Technologies(AMMT-2014), during 18-20 December 2014 at JNTU Hyderabad.

**7.Tadamalle, A.P., Reddy, Y.P., Ramjee E,and Reddy V.K.(2014),”**Evaluation of Nd: YAG Laser Welding Efficiencies for 304L Stainless Steel”, International Conference on Material Processing and Characterization, **Procedia Material Science, Elsevier**, Vol. 6, pp 1731-1739. Citations:4, Indexed by Scopus, **DOI: 10.1016/j.mspro.2014.07.160.**

**8.Tadamalle, A.P., Reddy, Y.P., Ramjee, E, Reddy V. K.(2014),**”Characterizationand Optimization of Nd: YAG Laser Weld Joints of Dissimilar Metals”, **5th International & 26th All India Manufacturing Technology, Design and Research Conference, AIMTDR 2014**, 12-14th , Dec 2014, IIT Guwahati, India, pp 80: 1-7. ISBN: 978-8-19274-612-8.

**9.Tadamalle, A.P., Reddy, Y.P., Ramjee, E, Reddy V. K.(2014),** “Estimation of Weld Pool Geometry and Cooling Rate in Laser Welding”, **5th International & 26th All India Manufacturing Technology, Design and Research Conference**, AIMTDR 2014,12-14th , Dec 12-14, 2014, IIT Guwahati, India,211:1-7. ISBN: 978-8-19274-612-8.

**10.Tadamalle, A.P., Reddy, Y.P., Ramjee, E, Reddy V. K.(2014),**”Determination of the Optimum Parameters for Laser Welding of 0.5mm Thick Dissimilar Metals”,**International Symposium on Aspects of Mechanical Engineering and Technology for Industry (AMETI 2014)**, Itanagar, Arunachal Pradesh, 6-8th Dec. 2014, pp.299-305, ISBN: 978-93-83842-95-7.

**11.Tadamalle, A.P., Reddy, Y.P., Ramjee, E.(2013), “**Optimization of Nd: YAG

Laser Welding Process Parameters for Dissimilar Metals”, **7th Asia pacific IIW- International Congress**, 7-8th July,2013, Singapore,(IIW 2013), PP 587-862. Citation:1.

12.B.Venkateswar Rao, E.Ramjee, V.Venkateswara Reddy, “Evaluation of statistical model and analysis of impact of modern efficiency Improvement Technology on pollution by Transport Sector”, International Conference on Environment Energy-2014,15-17th December 2014.

13. G.Narender, E.Ramjee, N.Eswara Prasad” In-plane anisotropy and tnsile deformation behavior of aluminium alloy AA 2014 forge plate.(2019).Indian Academy of sciences.

**National Conference:**

1. “Experimental investigations on a dual fuel LHR engine with methanol induction” in the National Conference on Advanced Trends in Mechanical Engineering Research and Development on 18th October 2001.
2. “Investigations on the new lubricants for LHR engine” in the National Conference on Advanced Trends in Mechanical Engineering Research and Development on 18th October 2001.
3. Participated in the “National conference on Computer Applications in Mechanical Engineering”(CAME-2005)held on 21st December 2005 at JNTU Hyderabad sponsored by TEQIP.
4. “Injection timing influence on performance and emission charecteristics of DI diesel engine using B20 blend of waste cooking oil(WCO) biodiesel with dimethyle carbonate(DMC) as fuel additive” in the National Conference on Mechanical Engineering Emerging Trends Meet 2010 during 6-7 August 2010 at Vardhaman College of Engineering, Hyderabad.
5. “Cashew Nutshell liquid(CNSL) and Rice brain oil(RBO) as alternative to petrochemical resources” in the NCRTME-2018 held during 26th -27th February 2018.